(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 24 December 2003 (24.12.2003)

PCT

(10) International Publication Number WO 03/107285 A1

(51) International Patent Classification7: G07F 13/10

(21) International Application Number: PCT/KR03/01181

(22) International Filing Date: 17 June 2003 (17.06.2003)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:

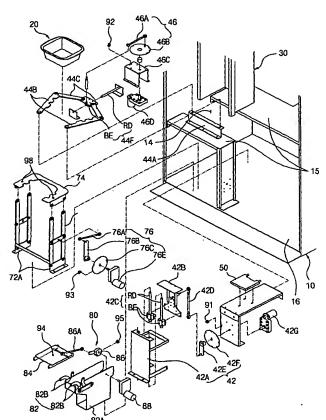
17 June 2002 (17.06.2002) 10-2002-0033775 KR 20-2002-0018316 17 June 2002 (17.06.2002) KR 20-2002-0018317 17 June 2002 (17.06.2002) KR 20-2002-0018318 17 June 2002 (17.06.2002) KR 20-2002-0018319 17 June 2002 (17.06.2002) KR 20-2002-0018402 18 June 2002 (18.06.2002) KR

(71) Applicant (for all designated States except US): INTER-PAT CO., LTD. [KR/KR]; 261, Onam-ri,, Onam-eup, Namyangju-si, 472-883 Gyeonggi-do (KR). (72) Inventor; and

- (75) Inventor/Applicant (for US only): KIM, Kyoung-Duk [KR/KR]; 2-1006, Kukdong Apt., Sosabon-dong, 566-1, Sosa-gu, Bucheon-si, 422-230 Gyeonggi-do (KR).
- (74) Agent: NAM, Sang-Sun; 9th Fl., Maekyung Media Center 30, 1-ga, Pil-dong, Jung-ku, Seoul 100-728 (KR).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: AN AUTOMATIC VENDING MACHINE FOR NOODLES



(57) Abstract: Disclosed is an automatic vending machine for noodles, capable of sanitarily cooking them. The automatic vending machine for noodles comprises a discharging hole, which is formed at the door, and it is opened and closed by a discharging door. A coin machine and a door are installed at the inside of the main body. A metallic disposable vessel for holding the noodles and spices is stored in the inside of the noodle storing part. The disposable vessels are automatically released from the noodles storing part by means of the disposable vessel supplying part. The disposable vessels are transmitted to predetermined positions by means of the disposable vessel conveying part. The disposable vessels are automatically released from the main body through the discharging door by the disposable vessel discharging part. The control part controls operations of the constitutional elements of the automatic vending machine as described above.

A1

WO 03/107285 A1